

- a dispensing arm mounted on the base unit and having a dispensing head positionable to a fixed location over the base unit;
- a carriage reciprocatably mounted in the receptacle in the base unit;
- a receiving vessel rotatably mounted on the carriage, said vessel having an upstanding spiral wall defining a continuous spiral chamber between opposing faces of said wall, said spiral wall further including collection tube slots between the opposed faces thereof and said chamber having a drain port which discharges fluid which is directed into the chamber and not received in a collection tube;
- means for simultaneously rotating the receiving vessel and shifting the carriage so that the tube slots may be incrementally advanced beneath the dispensing head.
4. A fluid collector as in claim 3, wherein the horizontal top of the base unit is inclined downward toward the receptacle so that any spilled fluid will flow to the drain.
5. A fluid collector as in claim 3, where the dispensing head is positionable between the fixed location and a second fixed location not over the means for holding.
6. A fluid collector as in claim 3, wherein the carriage is mounted on a pair of rods spanning the receptacle.
7. A fluid collector as in claim 3, wherein the drain port is located near the center of the receiving vessel and fluid must flow between the opposed faces of the spiral wall to reach said drain port.
8. A fluid collector as in claim 3, wherein the receiving vessel includes a handle.
9. A fluid collector as in claim 3, further including tube supports which elevate the collection tube over the bottom of the receiving vessel.
10. A fluid collector comprising:
- a base unit with a generally horizontal top and having a receptacle formed in the top and a drain port formed in the receptacle;
  - a dispensing arm mounted on the base unit and having a dispensing head positionable to a fixed location over the base unit;
  - a carriage reciprocatably mounted in the receptacle in the base unit;

- a receiving vessel rotatably mounted on the carriage, said vessel having an upstanding spiral wall defining a continuous spiral chamber between opposing faces of said wall, said spiral wall further including collection tube slots between the opposed faces thereof, a cam surface aligned with the spiral wall, and said chamber having a drain port which discharges fluid which is directed into the chamber and not received in a collection tube;
  - a drive gear mounted on the base unit and aligned with the dispensing head so that said gear engages the cam surface on the receiving vessel;
  - means for biasing the carriage so that the drive gear firmly engages the cam surface; and
  - means for rotating the drive gear to rotationally advance the receiving vessel so that the tube slots may be advanced under the dispensing head.
11. A fluid collector as in claim 10, wherein the horizontal top of the base unit is inclined downward toward the receptacle so that any spilled fluid will flow to the drain.
12. A fluid collector as in claim 10, where the dispensing head is positionable between the fixed location and a second fixed location not over the means for holding.
13. A fluid collector as in claim 10, wherein the carriage is mounted on a pair of rods spanning the receptacle.
14. A fluid collector as in claim 10, wherein the drain port is located near the center of the receiving vessel and fluid must flow between the opposed faces of the spiral wall to reach said drain port.
15. A fluid collector as in claim 10, wherein the receiving vessel includes a handle.
16. A fluid collector as in claim 10, wherein rotation of the drive gear through a fixed angular rotation corresponds to rotational advancement of the receiving vessel from one tube slot to the next.
17. A fluid collector as in claim 16, further including means for determining the angular rotation of the drive gear in order to control advancement of the receiving vessel.
18. A fluid collector as in claim 10, wherein the means for rotating the drive includes an electric motor and reducing gear.
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